

(REV 10/04) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER AK-480XX U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/517011
INTERNATIONAL APPLICATION NO. PCT/JP2003/002075	INTERNATIONAL FILING DATE 25 February 2003	PRIORITY DATE CLAIMED 21 June 2002
TITLE OF INVENTION WATER-SOLUBLE POLYMER DISPERSION, PROCESS FOR PRODUCING THE SAME AND METHOD OF USE THEREFOR		
APPLICANT(S) FOR DO/EO/US Takumi Ohara; Emiko Odaka; Ryoussuke Yoneymoto		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected. (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> had been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11. to 20. below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <u>(with attached copy of International Search Report)</u> 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 U.S.C. §1.821-1.825 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information: 		

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 24pt; font-weight: bold; margin-top: 5px;">10/517011</div>		INTERNATIONAL APPLICATION NO PCT/JP2003/002075		ATTORNEY'S DOCKET NUMBER AK-480XX																																																																											
<div>21. <input checked="" type="checkbox"/> The following fees are submitted:</div> <div>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1,110.00</div> <div>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$950.00</div> <div>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$790.00</div> <div>International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$750.00</div> <div>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00</div> <div style="text-align: center; margin-top: 10px;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div> <div>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</div> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 5px;"><thead><tr><th style="width:20%;">CLAIMS</th><th style="width:20%;">NUMBER FILED</th><th style="width:20%;">NUMBER EXTRA</th><th style="width:20%;">RATE</th><th style="width:20%;"></th><th style="width:20%;"></th></tr></thead><tbody><tr><td>Total claims</td><td>105 - 20 =</td><td>85</td><td>X \$18.00</td><td>\$1,530.00</td><td></td></tr><tr><td>Independent claims</td><td>3 - 3 =</td><td>0</td><td>X \$88.00</td><td>\$ 0</td><td></td></tr><tr><td colspan="4">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td><td>+\$300.00</td><td>\$ 300.00</td></tr><tr><td colspan="4" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td><td>\$2,780.00</td><td></td></tr><tr><td colspan="4"><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td><td>\$1,390.00</td><td></td></tr><tr><td colspan="4" style="text-align: right;">SUBTOTAL =</td><td>\$1,390.00</td><td></td></tr><tr><td colspan="4">Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td><td>\$ 0</td><td></td></tr><tr><td colspan="4" style="text-align: right;">TOTAL NATIONAL FEE =</td><td>\$1,390.00</td><td></td></tr><tr><td colspan="4">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td><td>\$</td><td></td></tr><tr><td colspan="4" style="text-align: right;">TOTAL FEES ENCLOSED =</td><td>\$1,390.00</td><td></td></tr><tr><td colspan="4" rowspan="2"></td><td style="text-align: right;">Amount to be Refunded:</td><td>\$</td></tr><tr><td style="text-align: right;">Charged:</td><td>\$</td></tr></tbody></table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			Total claims	105 - 20 =	85	X \$18.00	\$1,530.00		Independent claims	3 - 3 =	0	X \$88.00	\$ 0		MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$300.00	\$ 300.00	TOTAL OF ABOVE CALCULATIONS =				\$2,780.00		<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$1,390.00		SUBTOTAL =				\$1,390.00		Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0		TOTAL NATIONAL FEE =				\$1,390.00		Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$		TOTAL FEES ENCLOSED =				\$1,390.00						Amount to be Refunded:	\$	Charged:	\$	CALCULATIONS PTO USE ONLY	
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b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.																																																																															
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-0804</u> . A duplicate copy of this sheet is enclosed.																																																																															
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the international application to pending status.																																																																															
<div><div><input checked="" type="checkbox"/> Customer Number 207</div><div style="margin-top: 20px;"> Attorney Signature: _____ Attorney Name: <u>Charles L. Gagnebin III</u></div><div style="margin-top: 20px;">which is associated with the Law Firm of: WEINGARTEN, SCHURGIN, GAGNEBIN & LEOVICI LLP Ten Post Office Square Boston, Massachusetts 02109 United States Telephone: (617) 542-2290 Fax: (617) 451-0313 Date: <u>12-7-4</u> Registration No: <u>25,467</u></div></div>																																																																															